CLAIMS

What is claimed is:

1.   A method of transmitting digital information, comprising the steps of:

5   (a)   transmitting a first word of a packet, comprising the steps of:

(1)   transmitting start information onto a first bus, wherein the start information indicates a start of the packet;

(2)   transmitting lower order memory address

10   bits onto a first group of second bus lines;

(3)   transmitting first opcode information onto an Nth bus line of the second bus lines, wherein N is an integer, and wherein the Nth bus line is not a bus line within the first group of the second bus lines;

15   (b)   transmitting a second word of the packet, comprising the steps of:

(1)   transmitting second op code onto the first bus;

(2)   transmitting higher order memory address bits onto the first group of the second bus lines;

20   (3)   transmitting third op code information onto the Nth bus line of the second bus lines.

2.   The method of claim 1 of transmitting digital information, further comprising the steps of:

(a)   transmitting a third word of a packet, comprising

25   the steps of:

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(1)   transmitting a master device code for detecting collisions;

(2)   transmitting count information for determining a count of a number of bytes of a memory transaction.

add
F 1

2 1